



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q93191

Hideyuki SHIMONISHI, et al.

Appln. No.: 10/568,440

Group Art Unit: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: February 14, 2006

For: SESSION RELAY APPARATUS AND RELAYING METHOD

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. Japanese Patent Application Publication No. 11-252179, published September 17, 1999 (with English abstract).
2. Japanese Patent Application Publication No. 2002-281104, published September 27, 2002 (with English abstract).
3. A. Bakre and B. R. Badrinath; "I-TCP: Indirect TCP for Mobile Host"; Department of Computer Science, Rutgers University; DSC-TR-314; October 1994; (<http://www.it.iibt.ac.in/it644/papers/i-tcp.pdf>).
4. A. Aggarwal, S. Savage, and T. Anderson; "Understanding the Performance of TCP Pacing"; Department of Computer Science and Engineering, University of Washington; Proceedings of IEEE INFOCOM' 2000.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /F.N./

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/568,440

Atty. Docket No.: Q93191

5. Japanese Patent Application Publication No. 11-112576, published April 23, 1999 (with English abstract).
6. Japanese Patent Application Publication No. 2002-312261, published October 25, 2002 (with English abstract).
7. Japanese Patent Application Publication No. 2001-203697, published July 27, 2001 (with English abstract).
8. Japanese Patent Application Publication No. 2001-358757, published December 26, 2001 (with English abstract).
9. Japanese Patent Application Publication No. 2002-185494, published June 28, 2002 (with English abstract).
10. Japanese Patent Application Publication No. 2002-217958, published August 2, 2002 (with English abstract).
11. Japanese Patent Application Publication No. 2002-271380, published September 20, 2002 (with English abstract).
12. Japanese Patent Application Publication No. 2002-290451, published October 4, 2002 (with English abstract).
13. Japanese Patent Application Publication No. 8-88642, published April 2, 1996 (with English abstract).
14. Japanese Patent Application Publication No. 10-126446, published May 15, 1998 (with English abstract).
15. Japanese Patent Application Publication No. 11-32078, published February 2, 1999 (with English abstract).
16. Japanese Patent Application Publication No. 3163479, published March 2, 2001 (with English abstract).
17. W. R. Stevens; TCP/IP Illustrated: The Protocols; Chapter 21: TCP Timeout and Retransmission; 1994; pages 297-317.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action

## INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/568,440

Atty. Docket No.: Q93191

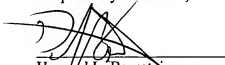
on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant states that above references 1, 2, 5 and 6 are discussed within the specification beginning at page 1, line 24, and page 5, lines 5 and 12, respectively.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

  
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WASHINGTON OFFICE

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CUSTOMER NUMBER

Date: March 15, 2006

Substitute for Form 1449 A & B/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/568,440
		Confirmation Number	Not Yet Assigned
		Filing Date	February 14, 2006
		First Named Inventor	Hideyuki SHIMONISHI
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Sheet	1	of	1
		Attorney Docket Number	Q93191

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
		US			
		US			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>4</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
/F.N./		JP	11-252179	A	09-17-1999	KDD Corp	
		JP	2002-281104	A	09-27-2002	J-Phone East Co Ltd	
		JP	11-112576	A	04-23-1999	Hitachi Ltd, et al.	
		JP	2002-312261	A	10-25-2002	Nippon Telegr & Teleph Corp	
		JP	2001-203697	A	07-27-2001	Matsushita Electric Ind Co Ltd	
		JP	2001-358757	A	12-26-2001	ATR Adaptive Commun Res Lab	
		JP	2002-185494	A	06-28-2002	Fujitsu Ltd	
		JP	2002-217958	A	08-02-2002	Fujitsu Ltd	
		JP	2002-271380	A	09-20-2002	Hitachi Kokusai Electric Inc	
		JP	2002-290451	A	10-04-2002	Seiko Epson Corp	
		JP	8-88642	A	04-02-1996	Mitsubishi Electric Corp	
		JP	10-126446	A	05-15-1998	Lucent Technol Inc	
		JP	11-32078	A	02-02-1999	Hitachi Ltd	
		JP	3163479	B2	03-02-2001	Chokosoku Network Comp	

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>4</sup>
/F.N./		A. Bakre and B. R. Badrinath; "I-TCP: Indirect TCP for Mobile Host"; Department of Computer Science, Rutgers University; DSC-TR-314; October 1994; ( <a href="http://www.it.iit.ac.in/it644/papers/i-tcp.pdf">http://www.it.iit.ac.in/it644/papers/i-tcp.pdf</a> ).	
/F.N./		A. Aggarwal, S. Savage, and T. Anderson; "Understanding the Performance of TCP Pacing"; Department of Computer Science and Engineering, University of Washington; Proceedings of IEEE INFOCOM' 2000.	
/F.N./		W. R. Stevens; TCP/IP Illustrated: The Protocols; Chapter 21: TCP Timeout and Retransmission; 1994; pages 297-317.	

Examiner Signature	/Fan Ng/	Date Considered	01/07/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind Code of the document (e.g., B2, B1, B1A, B1B, B1C, B1D, B1E, B1F, B1G, B1H, B1I, B1J, B1K, B1L, B1M, B1N, B1O, B1P, B1Q, B1R, B1S, B1T, B1U, B1V, B1W, B1X, B1Y, B1Z, B1AA, B1AB, B1AC, B1AD, B1AE, B1AF, B1AG, B1AH, B1AI, B1AJ, B1AK, B1AL, B1AM, B1AN, B1AO, B1AP, B1AQ, B1AR, B1AS, B1AT, B1AU, B1AV, B1AW, B1AX, B1AY, B1AZ, B1BA, B1BB, B1BC, B1BD, B1BE, B1BF, B1BG, B1BH, B1BI, B1BJ, B1BK, B1BL, B1BM, B1BN, B1BO, B1BP, B1BQ, B1BR, B1BS, B1BT, B1BU, B1BV, B1BW, B1BX, B1BY, B1BZ, B1CA, B1CB, B1CC, B1CD, B1CE, B1CF, B1CG, B1CH, B1CI, B1CJ, B1CK, B1CL, B1CM, B1CN, B1CO, B1CP, B1CQ, B1CR, B1CS, B1CT, B1CU, B1CV, B1CW, B1CX, B1CY, B1CZ, B1DA, B1DB, B1DC, B1DD, B1DE, B1DF, B1DG, B1DH, B1DI, B1DJ, B1DK, B1DL, B1DM, B1DN, B1DO, B1DP, B1DQ, B1DR, B1DS, B1DT, B1DU, B1DV, B1DW, B1DX, B1DY, B1DZ, B1EA, B1EB, B1EC, B1ED, B1EE, B1EF, B1EG, B1EH, B1EI, B1EJ, B1EK, B1EL, B1EM, B1EN, B1EO, B1EP, B1EQ, B1ER, B1ES, B1ET, B1EU, B1EV, B1EW, B1EX, B1EY, B1EZ, B1FA, B1FB, B1FC, B1FD, B1FE, B1FF, B1FG, B1FH, B1FI, B1FJ, B1FK, B1FL, B1FM, B1FN, B1FO, B1FP, B1FQ, B1FR, B1FS, B1FT, B1FU, B1FV, B1FW, B1FX, B1FY, B1FZ, B1GA, B1GB, B1GC, B1GD, B1GE, B1GF, B1GG, B1GH, B1GI, B1GJ, B1GK, B1GL, B1GM, B1GN, B1GO, B1GP, B1GQ, B1GR, B1GS, B1GT, B1GU, B1GV, B1GW, B1GX, B1GY, B1GZ, B1HA, B1HB, B1HC, B1HD, B1HE, B1HF, B1HG, B1HH, B1HI, B1HJ, B1HK, B1HL, B1HM, B1HN, B1HO, B1HP, B1HQ, B1HR, B1HS, B1HT, B1HU, B1HV, B1HW, B1HX, B1HY, B1HZ, B1IA, B1IB, B1IC, B1ID, B1IE, B1IF, B1IG, B1IH, B1II, B1IJ, B1IK, B1IL, B1IM, B1IN, B1IO, B1IP, B1IQ, B1IR, B1IS, B1IT, B1IU, B1IV, B1IW, B1IX, B1IY, B1IZ, B1JA, B1JB, B1JC, B1JD, B1JE, B1JF, B1JG, B1JH, B1JI, B1JJ, B1JK, B1JL, B1JM, B1JN, B1JO, B1JP, B1JQ, B1JR, B1JS, B1JT, B1JU, B1JV, B1JW, B1JX, B1JY, B1JZ, B1KA, B1KB, B1KC, B1KD, B1KE, B1KF, B1KG, B1KH, B1KI, B1KJ, B1KK, B1KL, B1KM, B1KN, B1KO, B1KP, B1KQ, B1KR, B1KS, B1KT, B1KU, B1KV, B1KW, B1KX, B1KY, B1KZ, B1LA, B1LB, B1LC, B1LD, B1LE, B1LF, B1LG, B1LH, B1LI, B1LJ, B1LK, B1LL, B1LM, B1LN, B1LO, B1LP, B1LQ, B1LR, B1LS, B1LT, B1LU, B1LV, B1LW, B1LX, B1LY, B1LZ, B1MA, B1MB, B1MC, B1MD, B1ME, B1MF, B1MG, B1MH, B1MI, B1MJ, B1MK, B1ML, B1MM, B1MN, B1MO, B1MP, B1MQ, B1MR, B1MS, B1MT, B1MU, B1MV, B1MW, B1MX, B1MY, B1MZ, B1NA, B1NB, B1NC, B1ND, B1NE, B1NF, B1NG, B1NH, B1NI, B1NJ, B1NK, B1NL, B1NM, B1NN, B1NO, B1NP, B1NQ, B1NR, B1NS, B1NT, B1NU, B1NV, B1NW, B1NX, B1NY, B1NZ, B1OA, B1OB, B1OC, B1OD, B1OE, B1OF, B1OG, B1OH, B1OI, B1OJ, B1OK, B1OL, B1OM, B1ON, B1OO, B1OP, B1OQ, B1OR, B1OS, B1OT, B1OU, B1OV, B1OW, B1OX, B1OY, B1OZ, B1PA, B1PB, B1PC, B1PD, B1PE, B1PF, B1PG, B1PH, B1PI, B1PJ, B1PK, B1PL, B1PM, B1PN, B1PO, B1PP, B1PQ, B1PR, B1PS, B1PT, B1PU, B1PV, B1PW, B1PX, B1PY, B1PZ, B1QA, B1QB, B1QC, B1QD, B1QE, B1QF, B1QG, B1QH, B1QI, B1QJ, B1QK, B1QL, B1QM, B1QN, B1QO, B1QP, B1QQ, B1QR, B1QS, B1QT, B1QU, B1QV, B1QW, B1QX, B1QY, B1QZ, B1RA, B1RB, B1RC, B1RD, B1RE, B1RF, B1RG, B1RH, B1RI, B1RJ, B1RK, B1RL, B1RM, B1RN, B1RO, B1RP, B1RQ, B1RR, B1RS, B1RT, B1RU, B1RV, B1RW, B1RX, B1RY, B1RZ, B1SA, B1SB, B1SC, B1SD, B1SE, B1SF, B1SG, B1SH, B1SI, B1SJ, B1SK, B1SL, B1SM, B1SN, B1SO, B1SP, B1SQ, B1SR, B1SS, B1ST, B1SU, B1SV, B1SW, B1SX, B1SY, B1SZ, B1TA, B1TB, B1TC, B1TD, B1TE, B1TF, B1TG, B1TH, B1TI, B1TJ, B1TK, B1TL, B1TM, B1TN, B1TO, B1TP, B1TQ, B1TR, B1TS, B1TT, B1TU, B1TV, B1TW, B1TX, B1TY, B1TZ, B1UA, B1UB, B1UC, B1UD, B1UE, B1UF, B1UG, B1UH, B1UI, B1UJ, B1UK, B1UL, B1UM, B1UN, B1UO, B1UP, B1UQ, B1UR, B1US, B1UT, B1UU, B1UV, B1UW, B1UX, B1UY, B1UZ, B1VA, B1VB, B1VC, B1VD, B1VE, B1VF, B1VG, B1VH, B1VI, B1VJ, B1VK, B1VL, B1VM, B1VN, B1VO, B1VP, B1VQ, B1VR, B1VS, B1VT, B1VU, B1VV, B1VW, B1VX, B1VY, B1VZ, B1WA, B1WB, B1WC, B1WD, B1WE, B1WF, B1WG, B1WH, B1WI, B1WJ, B1WK, B1WL, B1WM, B1WN, B1WO, B1WP, B1WQ, B1WR, B1WS, B1WT, B1WU, B1WV, B1WW, B1WX, B1WY, B1WZ, B1XA, B1XB, B1XC, B1XD, B1XE, B1XF, B1XG, B1XH, B1XI, B1XJ, B1XK, B1XL, B1XM, B1XN, B1XO, B1XP, B1XQ, B1XR, B1XS, B1XT, B1XU, B1XV, B1XW, B1XX, B1XY, B1XZ, B1YA, B1YB, B1YC, B1YD, B1YE, B1YF, B1YG, B1YH, B1YI, B1YJ, B1YK, B1YL, B1YM, B1YN, B1YO, B1YP, B1YQ, B1YR, B1YS, B1YT, B1YU, B1YV, B1YW, B1YX, B1YY, B1YZ, B1ZA, B1ZB, B1ZC, B1ZD, B1ZE, B1ZF, B1ZG, B1ZH, B1ZI, B1ZJ, B1ZK, B1ZL, B1ZM, B1ZN, B1ZO, B1ZP, B1ZQ, B1ZR, B1ZS, B1ZT, B1ZU, B1ZV, B1ZW, B1ZX, B1ZY, B1ZZ.